

ESD Safety Committee Meeting Minutes August 8, 2009

Attending: Vivi Fissekidou, Joe Dionne, Terry Hazen, Bill Collins, Mark Conrad, John Christensen, Seiji Nakagawa, Hui-Hai Liu, Greg Newman, Maryann Villavert
Guest: Kim Abbott

Joe Dionne is the new EH&S Liaison replacing Rob Connelly. Reviewed the role of the Liaison and introduced the new SRC now SAC representative. New SAC member John Christensen replaces Seiji Nakagawa.

1. Two First Aid incidents.

- Bike on the shuttle rack, employee had a small cut on finger.
- Repetative motion forearm pain while out in the field

2. Safety Advisory Committee (SAC) [previously Safety Review Committee (SRC)]

The SAC makes recommendations to the EH&S Division Director on the development and implementation of ES&H policy, guidelines, codes, and regulatory interpretation. It conducts reviews of special safety problems, and provides recommendations for possible solutions to the Laboratory Director, Associate Laboratory Director for Operations (ALDO)/Chief Operating Officer (COO), and/or the EH&S Division Director as requested. The SAC also provides advice and counsel to the ALDO/COO by reviewing appeals from Laboratory divisions when any division and the EH&S Division do not agree on the interpretation or application of criteria, rules, or procedures. Such advice and counsel may include options for a resolution.

In addition, the SAC Chair, in cooperation with the Office of Contract Assurance, is responsible for scheduling and conducting the portion of institutional self-assessment known as Management of Environment, Safety, and Health (MESH) reviews.

Membership/Composition

The Laboratory Director appoints the SAC Chair (Jim Floyd, ALS) . SAC membership includes a representative from every Laboratory division. Division Directors nominate members of their organizations to the Laboratory Director, who formally appoints them to the SAC. Appointments are normally three-year renewable terms.

SAC members are expected to: possess an understanding of ISM; Communicate regularly with senior division management and other division personnel as needed; Possess communication skills to comment on, make suggestions or recommendations for, revise, advise senior management on, and influence the Laboratory's approaches, methods, documents, and practices to continuously improve the Laboratory's safety programs.; Develop an understanding of the LBNL Health and Safety Manual (PUB-3000) and related documents, and the processes for revising these documents.

3. EH&S Division Liaison Duties

EH&S Division Liaisons are designated for each assigned Laboratory division or Laboratory facility; they provide a convenient, single EH&S point of contact between a customer division [typically via the Division Safety Coordinator and the EH&S Division (EHSD)], and function as the troubleshooter and problem-resolution facilitator. This

ESD Safety Committee Meeting Minutes August 8, 2009

relationship does not preclude any Laboratory employee from directly approaching an EH&S professional/subject matter expert to address a particular issue or need.

The EH&S liaison:

- Serves as the designated point of contact to assigned divisions or Laboratory facilities.
- Requests that the appropriate technical support be provided to implement and interpret Lab ES&H policies.
- Knows the customer division's work activities, personnel, and associated hazards, and assists in hazard identification and the development of controls appropriate to the hazard and work being performed.
- Provides consultation to allow for resolution and close-out of ES&H issues or concerns of the customer division.
- Develops and fosters a cross-functional team approach when necessary to provide assessment and consultation on identified hazards and applicable control measures, complex operations, and equipment.
- Participates in customer division self-assessments as requested, and other ES&H assessments as required.
- For first-aid cases, uses the Investigator's Report form to enter SAAR codes; submits the completed Investigator's Report for OSHA-recordable cases.
- Serves as the Review Team Lead to coordinate an EH&S review of Activity Hazard Documents (AHDs); becomes familiar with, and provides guidance and coordinates support for, all formal work authorizations in the customer division as necessary.
- Participates in incident reviews of illnesses, injuries, accidents, and other safety and environmental incidents, and assists with coordinating EHSD subject matter experts.
- For Facilities Division project reviews, coordinates EHSD Team reviews of hazards and controls; signs-off on final plans, if required.
- In relation to assigned divisions or facilities, and in collaboration with his/her respective Division Safety Coordinators (DSCs), supports, as requested, the elements of the ES&H program.

4. Work planning/updates on group JHA work scope- PEMP measures

ESD JHA 91% (30 employees and guest do not have a authorized JHA)

ESD training 95% (LBNL overall 94%)

5. Electrical equipment survey

Completed: 70A-2253 & 70A-2245; 70-143; 70-116; 70-127; 70-131
70-144 (in progress- to be completed by end of August)
70A-4459, 70A-4461; 70A-4462; 70A-4463, 70A-1109; 14-137

Pending: 51F; Blg 64: 10-12 containers; 70-166; 70-120; 70-158
70A-4419, 70A-4421, 70A-4423; 70A-4429; 70A-4413, 70A-4425, 70A-4431
70A-4403, 70A-4458, 70-279, Field equipment in containers

ESD Safety Committee Meeting Minutes August 8, 2009

70A-4405; Field equipment in containers; 70A-1105; 70A-2275

Plan to hire subcontractors to complete it by 9/30/09

Reactive approach- may need to more carefully assess and address future requirement.

6. Waste Management update

The **new nitric acid policy** requires the treatment of waste nitric acid solutions greater than 5% by weight prior to placing the waste solution in the SAA. This treatment will eliminate the energetic reaction resulting from the addition of an incompatible waste to the same container as we have seen recently. **The treatment cannot be done without specific authorization from Waste Management.** To assist you in getting this authorization, your Generator Assistant has already contacted known generators of these wastes and has transmitted the list of requirements and a template for the procedure that you or your researchers can use to develop a procedure for your specific nitric acid solution. The list of requirements and the template can be found on the Waste Management web site under Generator Resources/Benchtop Treatment http://www.lbl.gov/ehs/waste/wm_benchtop.shtml There are a variety of procedures within labs in ESD.

ESD SAA Walkthrough comments:

1. **waste exceeding the maximum 6mo accumulation period** were identified in 70A-4463 (1 container), 70-158 (4 containers), and bldg. 64 (a number of containers);
2. waste labels: (a) Start Date not filled properly; (b) chemical name not been spelled out (note that the technicians will not pick up waste if the name of the chemicals is not clearly listed);
3. pharmaceutical waste should be disposed in Bldg 26 not in an SAA;
4. Bio-waste white bag containers: (a) 70-2253 Overflowing bio-waste container (the container should be emptied when full and the lid should be closed at all times) (b) 70A-1111- no Biohazard label on waste container; sharps container overflowing- dispose and replace with a new sharps container to be labeled "Unregulated sharps";
5. Rad waste should be labeled, a bag on 70-114A did not have the appropriate yellow tag

Monthly Inspection Logs not properly filled on a monthly basis, most were missing a few months in between inspections.

In one lab, the staff were wearing shorts in violation of the PPE requirements. How can we improve- Recommendations:

- shut down the lab for a week?
- have a stand down?
- LWOP?
- Something more draconian?

ESD Safety Committee Meeting Minutes
August 8, 2009

- Modify the person's JHA so that they are doing Lab work?
- Safety policy and leveraging goals on the PRD this is a broader goal for HR and the Lab.
- Jay Keasling's new policy at JBEI.

7. End of the year safety activities

- Walkthrough by Departments.
- Self-Assessment
- Update ESD ISM plan to address ES&H review comments